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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of NFE31PT470C1E9# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NFE31PT470C1E9%23

NFE31PT470C1E9#

"#" indicates a package specification code.

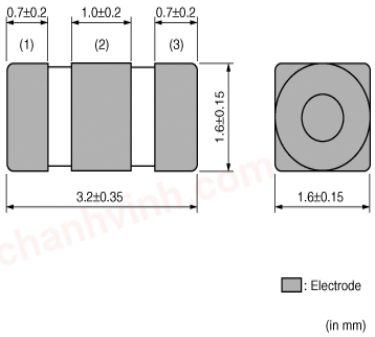
In Production RoHS REACH

< List of part numbers with package codes >

NFE31PT470C1E9L NFE31PT470C1E9K NFE31PT470C1E9B

Appearance & Shape





Packaging Information

Packaging	Specifications	Standard Packing Quantity
L	180mm Embossed Tape	2000
K	330mm Embossed Tape	8000
B	Bulk(Bag)	500

Features

The chip "EMIFIL" NFE31PT is a small size T-type circuit EMI suppression filter.

Features
1. Its large rated current of 6Aand low voltage drop due to small DC resistance are suitable for DC power line use.
2. The feedthrough capacitor realizes excellent high frequency characteristics.
3. The structure incorporates built-in ferrite beads which minimize resonance with surrounding circuits.
4. 22 to 2,200pF lineups can be used in signal lines.

Applications

Other Usage	For general

Attention
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2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

Shape	SMD
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.35mm
Width	1.6mm
Width Tolerance	±0.15mm
Thickness	1.6mm
Thickness Tolerance	±0.15mm
Operating Temperature Range	-40℃ to 85℃
Mass(typ.)	0.034g
Number of Circuit	1
Rated Current	6A
Rated Voltage	25Vdc
Withstanding Voltage	62.5Vdc
Insulation Resistance(min.)	1000MΩ
Capacitance	47pF
Capacitance Tolerance	50/-20%
Size Code (in mm)	3216

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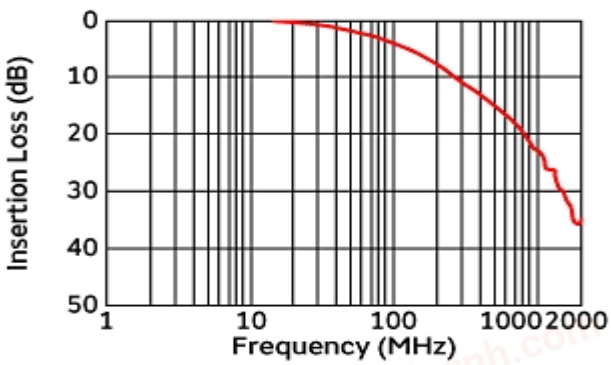
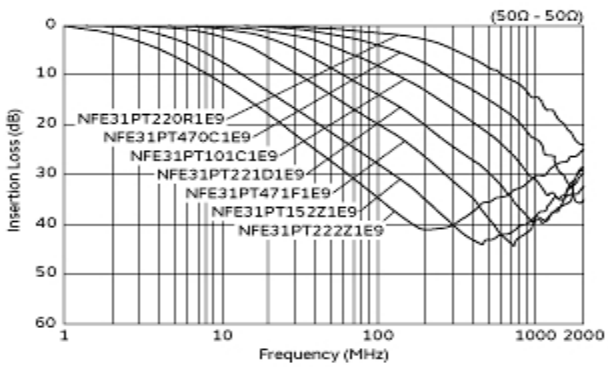
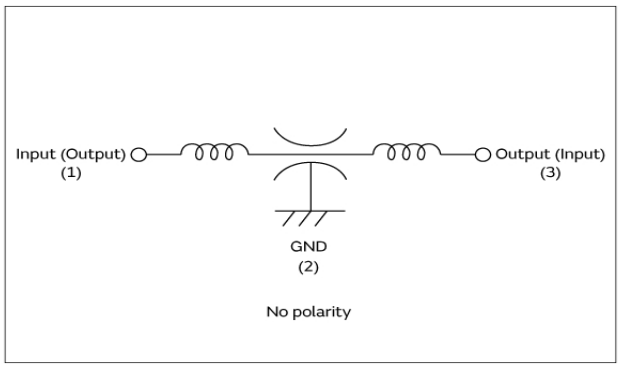
Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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